## Index of Claims



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Application No.

09/831,846

Examiner

Stephen Gucker

Applicant(s)

FUNAHASHI ET AL.

Art Unit

1647

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

Interference

A Appeal

O Objected

|                |          | ليلي             |  |                        |          |          |                      | ╛┖            |  |  |          | L          |                |               |          |                 |               |
|----------------|----------|------------------|--|------------------------|----------|----------|----------------------|---------------|--|--|----------|------------|----------------|---------------|----------|-----------------|---------------|
| 6              |          |                  |  |                        |          |          |                      |               |  |  |          |            | - 4 -          |               |          |                 |               |
| Claim          |          | Date             |  |                        | Claim    |          |                      | Date          |  |  | Cla      | aim        |                | Date          |          |                 |               |
| Final          | Original | b/c/5            |  |                        | Final    | Original |                      |               |  | 1 - 10<br>1 - 20<br>1 - 20<br>1 - 21<br>1 - 21 | Final    | Original   |                |               |          |                 |               |
|                | 1        | N                |  |                        |          | 51       |                      |               | 1 1 1  |  |          | 101        |                |               |          |                 | $\neg$        |
|                | 2        | 7                |  |                        |          | 52       |                      |               |  | 16   |          | 102        |                |               |          |                 |               |
|                | 3        | V                |  |                        |          | 53       |                      |               |  | 1 - 111  |          | 103        |                |               |          |                 |               |
|                | A        |                  |  |                        |          | 54       |                      |               |  | 1000   |          | 104        |                |               |          |                 |               |
|                | 5        | N                |  |                        |          | 55       | $\perp$              |               |  | 1.5  |          | 105        |                | $\sqcup$      |          |                 |               |
|                | 6        |                  |  |                        | <u> </u> | 56       |                      |               | +  | - 2  |          | 106        | $\bot \bot$    | $\sqcup$      | _        |                 |               |
|                | 7        |                  |  |                        | -        | 57       |                      | -  -          | +  | -  |          | 107        | $\perp \perp$  | $\vdash$      | _        |                 | -+            |
|                | 8        |                  |  |                        | :        | 58       |                      | +             | +++  | -  |          | 108        |                | +             | _        |                 | -             |
|                | 9        | $\Psi$           |  |                        |          | 59       | $\rightarrow$        |               | <del>                                     </del> | - 2  |          | 109        | <del>  -</del> | +             |          |                 | -             |
|                | 10       | 3                | <del>                                     </del> |                        | <u> </u> | 60       |                      | + +-          | +++  |  |          | 110        | +              | +             | -        | $\vdash$        | +             |
|                | 11       | Ÿ                |  |                        |          | 61<br>62 | <del></del>          | ++            | +++  | -  | $\vdash$ | 111<br>112 | +              | ++            | -        |                 |               |
|                | 13       |                  | <del>                                     </del> |                        | -        | 63       | ++                   | ++            | +++  | -  | $\vdash$ | 113        | ++-            | +-+           | +-       | $\vdash \vdash$ | -             |
| $\vdash$       | 14       |                  | <del>                                     </del> |                        |          | 64       | -+                   | ++            | +++  | - 1  |          | 114        | +-             | ++            |          | $\vdash$        | +             |
| $\vdash$       | 15       | Ň                |  |                        |          | 65       |                      | ++            | +-++   | -  |          | 115        | 1              | ++            | $\dashv$ | $\vdash$        | -             |
| $\vdash$       | 16       |                  |  |                        |          | 66       |                      | ++            | +++  | -  | <b></b>  | 116        |                | +-+           |          | $\vdash$        | $\dashv$      |
|                | 17       | =                |  |                        |          | 67       | <del>-   -   -</del> | + +-          | ++++   |  |          | 117        | 1 1            | $\top \top$   |          | П               | $\top$        |
|                |          | ≆.               |  |                        |          | 68       |                      |               |  | 100  |          | 118        |                | 1 1           |          | $\Box$          | $\top$        |
|                | 19       | 1                | -   -  |                        | 8        | 69       |                      |               |  | -  |          | 119        |                |               |          |                 |               |
|                | 20       | Ň                |  |                        |          | 70       |                      |               |  |  |          | 120        |                |               |          | ı               |               |
|                | 21       | 7                |  |                        |          | 71       |                      |               |  | 100  |          | 121        | 1 1            |               |          |                 |               |
|                | 22       |                  |  |                        |          | 72       |                      |               |  | - 100  |          | 122        |                |               |          |                 |               |
|                | 23       |                  |  |                        |          | 73       |                      |               |  | - 100  |          | 123        |                |               |          |                 |               |
|                | 24       |                  |  |                        |          | 74       |                      | $\perp \perp$ |  |  |          | 124        |                | $\perp$       |          |                 |               |
|                | 25       |                  |  |                        |          | 75       |                      | $\perp$       |  | - 1100   |          | 125        | $\bot$         | $\perp$       |          |                 | $\bot$        |
|                | 26       |                  |  |                        |          | 76       |                      | 1             | +++  | ()((4)   |          | 126        | $\bot$         | $\sqcup$      |          |                 |               |
|                | 27       | Ш                |  |                        |          | 77       | $\rightarrow$        | +             | +  | - 300  |          | 127        | 44             | $\vdash$      | +        |                 |               |
| $\square$      | 28       | $\mathbf{V}_{-}$ |  |                        | -        | 78       |                      | +             | +  | - 3.5  |          | 128        | +              | $\vdash$      | _        | $\dashv$        |               |
|                | 29       |                  |  |                        | ·        | 79       |                      | +             | +++  | 10,000   |          | 129        | ++-            | 1-1           | +        |                 |               |
|                | 30       |                  |  |                        |          | 80       | -                    | +             |  |  |          | 130<br>131 | +              | $\vdash$      |          | $\dashv$        | +             |
| $\vdash$       | 31       |                  |  |                        |          | 81<br>82 | -+                   | ++            | +  | -  |          | 132        | +              | +             | +        | $\dashv$        | $\dashv$      |
|                | 32<br>33 |                  |  |                        |          | 83       | -+                   | +-+-          | +++  | 7,583  |          | 133        | +              | ╁╾┼           |          | - +             |               |
| $\vdash\vdash$ | 34       |                  | <del>                                     </del> |                        | 0        | 84       |                      | ++            |  | () = )<br>() = )                               |          | 134        | + + -          | +             | +        | $\vdash$        | +             |
| $\vdash$       | 35       |                  | - - -  | <del>           </del> |          | 85       |                      | ++            | ++++   | 1  |          | 135        |                | +             | $\top$   | $\dashv$        | -             |
|                | 36       |                  | <del>                                     </del> | <del>         </del>   |          | 86       | +1-                  | +             | 111  |  |          | 136        | 1-1-           | I             | $\top$   | _               | $\neg$        |
|                | 37       | <u> </u>         |  | <del>- - - -</del>  -  |          | 87       |                      | + +-          | <b>       </b>                                   |  |          | 137        | 1              | f             |          | $\neg$          | $\top$        |
|                | 38       |                  |  |                        |          | 88       |                      | 1-1-          | +++  |  |          | 138        |                |               |          | $\Box$          |               |
|                | 39       |                  |  |                        |          | 89       | T 1                  |               |  |  |          | 139        |                |               | $\Box$   |                 |               |
|                | 40       |                  |  |                        |          | 90       | $\bot$               |               |  | 1.0  |          | 140        |                |               |          |                 |               |
|                | 41       |                  |  |                        | 10       | 91       |                      |               |  | 1.50   |          | 141        |                |               |          |                 | $\perp$       |
|                | 42       |                  |  |                        | 0        | 92       |                      |               |  | 388  |          | 142        | $\perp$        | $\coprod$     |          | $\Box$          |               |
|                | 43       |                  |  |                        | 0)       | 93       |                      |               | $\bot \bot \bot$                                 | 1- 1   | $\Box$   | 143        |                | Ш             |          | $\Box$          | $\rightarrow$ |
|                | 44       |                  |  |                        | -        | 94       | $\dashv \perp$       | 44            | $\bot\bot\bot$                                   | 100  |          | 144        | ╁╌╁╌           | $\sqcup \bot$ |          |                 | $\dashv$      |
|                | 45       |                  |  |                        |          | 95       |                      | 44            | $\bot \bot \bot$                                 | 7.00   |          | 145        | <b>↓</b>       | <b>↓</b> _↓.  |          | $\dashv$        | $\rightarrow$ |
|                | 46       |                  |  |                        |          | 96       | + $+$                | +             | +++  | _  |          | 146        | <del>↓</del>   | $\vdash$      | _        | $\dashv$        |               |
|                | 47       |                  |  |                        |          | 97       | ++                   | ++            | +++  |  |          | 147        | +-+-           | <b>├</b> ├    |          |                 |               |
| <u></u>        | 48       | $\vdash \vdash$  | $\vdash$   |                        | -        | 98       |                      | +-+           |  | -88  |          | 148        | ++             | ++            |          |                 | $\dashv$      |
| -              | 49_      | $\vdash \vdash$  | - - -  |                        | -        | 99       | ++                   | ++            | +++  | - 100  |          | 149<br>150 | +              | ++            | +        | -+              | +             |
| L              | 50       |                  | IIL  |                        | ·        | 100      |                      |               | _1, _11  | 1  |          | 150        |                | <u> </u>      | L        |                 | L_            |